

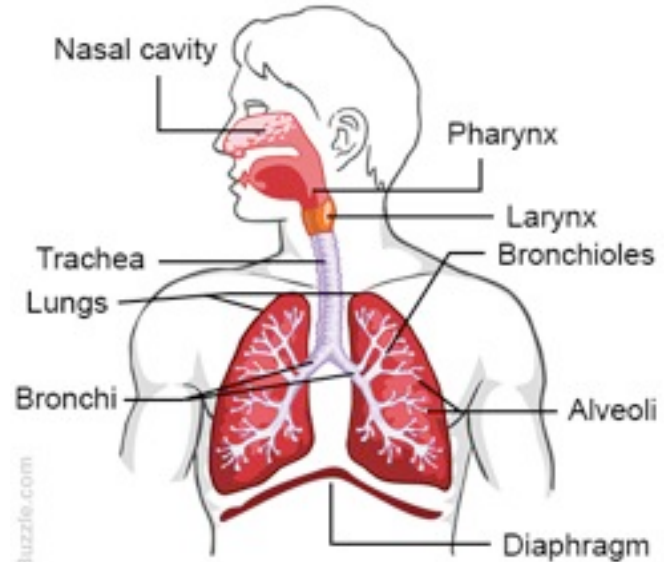
The Respiratory System

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- The Respiratory System is the system which is used to pump air throughout the body
- The Lung is the main organ used in the Respiratory System

How Lungs Work

- When you inhale (breathe in) your diaphragm tightens, you're inhaling oxygen
- The oxygen flows through your trachea (windpipe) and down into your into either your left or right Bronchioles
- It then travels even further into some of your 300 million alveoli (tiny sacs at the end of the Bronchi)
- The alveoli fill with the oxygen and carbon dioxide is produced, which then goes back up your windpipe and is exhaled (breathed out)



How It works With The Circulatory System

- The Circulatory System (heart) and Respiratory System (lungs) work very closely together
- The air that is transported through the Respiratory System then after goes into the blood stream
- The Circulatory System is what transports the blood through the body, which is pumped by the heart
- Without either of these systems the human body would not be able to survive

Questions

1. What's the main organ used in the Respiratory System?
2. How many alveoli are usually in the Bronchioles?
3. What would happen to the human body if the Respiratory & Circulatory Systems didn't work well together?